

# **INFORMATION PROCESSING DEVICE FOR DIVER, CONTROL METHOD, CONTROL PROGRAM AND RECORDING MEDIUM THEREOF, DIVING EQUIPMENT, AND CONTROL METHOD OF DIVING EQUIPMENT**

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## **ABSTRACT OF THE DISCLOSURE**

- An information processing device for a diver used for diving by using a plurality of mixed gases in which the mixture ratios of a plurality of diving gases are the same or different determines the switch timing of the mixed gas on the basis of a preset scheduled dive pattern 10 and an actual dive pattern up to present. A notification is issued regarding the switch timing and information for specifying the mixed gas to which a switch is to be made based on this switch timing. When the diver selects one of the cylinders as the cylinder to which the switch is to be made and in which the mixture ratio of the diving gas is different, processing is carried out that prohibits switching to the selected cylinder when it is determined that the 15 selected cylinder may create a danger of oxygen deficiency or oxygen poisoning.